

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-22, 28-32, 34, 45-48, and 59-60 without prejudice.

Please amend claims 33, 35, 37, 41-42, 49, 51, 53, 55-56 and 61 as follows. Added matter is indicated by underlining and deleted matter is indicated by ~~strike throughs~~ or double brackets ([]).

A complete listing of all claims is presented below.

1-22 (Cancelled)

23. (Previously Presented) An intraocular lens for insertion into an eye, comprising:

a unitary, deformable multifocal optic including a first zone having a baseline power for distance vision correction and a second zone having an add power; and

a continuous outer ring surrounding the optic and spaced therefrom, the continuous outer ring configured for implantation within a capsular bag of an eye; and

a force transfer assembly comprising a plurality of intermediate members extending between and connecting the optic and the outer ring;

wherein the force transfer assembly is coupled to the optic and structured to cooperate with the eye to effect deformation of the optic so as to change the power of at least one of the first and second zones.

24. (Original) The intraocular lens according to claim 23, wherein the force transfer assembly is structured to change the curvature of at least one of the zones in response to a compressive force exerted by the eye.

25. (Original) The intraocular lens according to claim 24, wherein the force transfer assembly is structured to increase the curvature of at least one of the zones in response to a compressive force exerted by the eye.

26. (Original) The intraocular lens according to claim 23, wherein the force transfer assembly is structured to cooperate with the eye to effect deformation of the first zone so as to increase the baseline power.

27. (Original) The intraocular lens according to claim 23, wherein the force transfer assembly is further structured to axially move the optic in response to an action of the eye, wherein the axial movement of the optic combines with the increased add power obtained through the deformation to provide enhanced accommodation relative to the deformation alone.

28-32 (Cancelled)

33. (Currently Amended) ~~[[The]]~~An intraocular lens according to claim 32, for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and
an accommodation assembly coupled to the optic, comprising:
an outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of an eye; and
at least three intermediate members extending between and connecting the optic and the outer ring;

wherein the accommodation assembly is structured to cooperate with the eye to effect accommodating axial movement of the optic and accommodating deformation of the optic in response to one or more naturally occurring actions of the eye.

34. (Cancelled)

35. (Currently Amended) ~~[[The]]~~An intraocular lens according to claim 32, for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and
an accommodation assembly coupled to the optic, comprising:
an outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of an eye; and
at least three intermediate members extending between and connecting the optic and the outer ring;

wherein each intermediate member of the at least three intermediate members comprises a hinge.

36. (Previously Presented) The intraocular lens according to claim 35, wherein each hinge is located closer to the outer ring than to the optic.

37. (Currently Amended) ~~[[The]]~~An intraocular lens according to claim 32, wherein: for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and
an accommodation assembly coupled to the optic, comprising:

an outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of an eye; and
at least three intermediate members extending between and connecting the optic and the outer ring;

the deformable optic has a baseline power for distance vision correction and a maximum add power that is reduced relative to a power for full near vision correction; and

the accommodation assembly is structured to cooperate with the eye to effect deformation of the optic so as to increase the maximum add power.

38. (Previously Presented) The intraocular lens according to claim 37, wherein the optic has progressive vision powers that vary from the baseline power to the maximum add power.

39. (Previously Presented) The intraocular lens according to claim 38, wherein the accommodation assembly is structured to deform the optic so as to increase the maximum add power in response to compressive forces exerted by the eye.

40. (Previously Presented) The intraocular lens according to claim 39, wherein the accommodation assembly is further structured to cooperate with the eye to axially move wherein the axial movement of the optic combines with the maximum add power obtained through deformation to provide enhanced accommodation relative to the deformation alone.

41. (Currently Amended) ~~[[The]]~~An intraocular lens of claim 32, for insertion into a capsular bag of an eye, comprising:

a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and

an accommodation assembly coupled to the optic, comprising:

an outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of an eye; and
at least three intermediate members extending between and connecting the optic and the outer ring;

wherein the optic is a multifocal optic having a first zone configured to provide distance vision correction and a second zone having an add power that is reduced relative to a power for full near power correction, the combined axial movement, deformation, and add power is effective to provide enhanced accommodation relative to the axial movement and the deformation without the add power.

42. (Currently Amended) ~~[[The]]~~An intraocular lens of claim 32, for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and
an accommodation assembly coupled to the optic, comprising:
an outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of an eye; and
at least three intermediate members extending between and connecting the optic and the outer ring;
wherein the optic is an aspheric optic.
43. (Previously Presented) The intraocular lens of claim 42, wherein the aspheric optic has progressive correction powers that vary from a baseline power for distance vision correction to an add power.
44. (Previously Presented) The intraocular lens of claim 43, wherein the add power that is reduced relative to a power for full near vision correction.
- 45-48 (Cancelled)
49. (Currently Amended) ~~[[The]]~~An intraocular lens according to claim 47, for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and
an accommodation assembly, comprising:
a continuous outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of the eye; and
a plurality of intermediate members extending between and connecting the optic and the outer ring;
wherein the accommodation assembly is structured to cooperate with the eye to effect deformation of the optic;
wherein each intermediate member of the plurality of intermediate members comprises a hinge.
50. (Previously Presented) The intraocular lens according to claim 49, wherein each hinge is located closer to the outer ring than to the optic.

51. (Currently Amended) ~~[[The]]~~An intraocular lens according to claim 47, wherein: for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and
an accommodation assembly, comprising:
a continuous outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of the eye; and
a plurality of intermediate members extending between and connecting the optic and the outer ring;
wherein the accommodation assembly is structured to cooperate with the eye to effect deformation of the optic;
the deformable optic has a baseline power for distance vision correction and a maximum add power that is reduced relative to a power for full near vision correction; and
the accommodation assembly is structured to cooperate with the eye to effect deformation of the optic so as to increase the maximum add power.

52. (Previously Presented) The intraocular lens according to claim 51, wherein the optic has progressive vision powers that vary from the baseline power to the maximum add power.

53. (Currently Amended) The intraocular lens according to claim ~~[[47]]~~ 51, wherein the accommodation assembly is structured to deform the optic so as to increase the maximum add power in response to compressive forces exerted by the eye.

54. (Previously Presented) The intraocular lens according to claim 53, wherein the accommodation assembly is further structured to cooperate with the eye to axially move wherein the axial movement of the optic combines with the maximum add power obtained through deformation to provide enhanced accommodation relative to the deformation alone.

55. (Currently Amended) ~~[[The]]~~An intraocular lens of claim 47, for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and
an accommodation assembly, comprising:
a continuous outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of the eye; and

a plurality of intermediate members extending between and connecting the optic and the outer ring;

wherein the accommodation assembly is structured to cooperate with the eye to effect deformation of the optic;

wherein the optic is a multifocal optic having a first zone configured to provide distance vision correction and a second zone having an add power that is reduced relative to a power for full near power correction, the combined axial movement, deformation, and add power is effective to provide enhanced accommodation relative to the axial movement and the deformation without the add power.

56. (Currently Amended) ~~[[The]]~~An intraocular lens of claim 47, for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and

an accommodation assembly, comprising:

a continuous outer ring surrounding the optic and spaced therefrom, the outer ring configured for implantation within a capsular bag of the eye; and

a plurality of intermediate members extending between and connecting the optic and the outer ring;

wherein the accommodation assembly is structured to cooperate with the eye to effect deformation of the optic;

wherein the optic is an aspheric optic.

57. (Previously Presented) The intraocular lens of claim 56, wherein the aspheric optic has progressive correction powers that vary from a baseline power for distance vision correction to an add power.

58. (Previously Presented) The intraocular lens of claim ~~[[56]]~~ 57, wherein the add power that is reduced relative to a power for full near vision correction.

59. (Cancelled)

60. (Cancelled)

61. (Currently Amended) ~~[[The]]~~An intraocular lens of claim 47, for insertion into a capsular bag of an eye, comprising:
a deformable optic having a periphery and centered about an optical axis, the optic adapted to focus light toward a retina of an eye; and

an accommodation assembly, comprising:

a continuous outer ring surrounding the optic and spaced therefrom, the outer ring

configured for implantation within a capsular bag of the eye; and

a plurality of intermediate members extending between and connecting the optic and

the outer ring;

wherein the accommodation assembly is structured to cooperate with the eye to effect

deformation of the optic;

wherein the plurality of intermediate members are oriented so that none of the intermediate members is diametrically opposed to any of the remaining intermediate members.